PHILIPS

VCR

VIDEO CASSETTE RECORDER

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OPERATING INSTRUCTIONS PHILIPS VR 665

Congratulations! You are now the owner of one of the most sophisticated and simple-to-use video recorders (VCR) on the market. With this VCR you can record and play VHS-standard cassettes.
Naturally, you can't wait to use it. But before you do, it's worthwhile taking the time to read through the whole of this operating manual.
It will show you how to make the best use of your equipment.
You can practise using the set without any worries because, no matter which buttons you press, you cannot damage it.

VHS
PAL SECAM

Safety instructions

- Danger - high voltage in this appliance! Do not open! The set does not contain any parts that can be repaired by the user. As long as the set is connected to the mains there are parts of it still in operation. To switch off the set completely you must disconnect it from the mains.
- Please note that this equipment is designed for use with a 220-240 volts/50 Hz power supply.
- Ensure that air can circulate freely through the ventilation slots of the set. Do not place the set on soft surfaces.
- Do not place the set close to a source of heat (radiator etc).
- Ensure that no objects or liquids enter the set. If liquid is spilt into it, disconnect the set immediately from the mains and call the After-Sales Service for advice.

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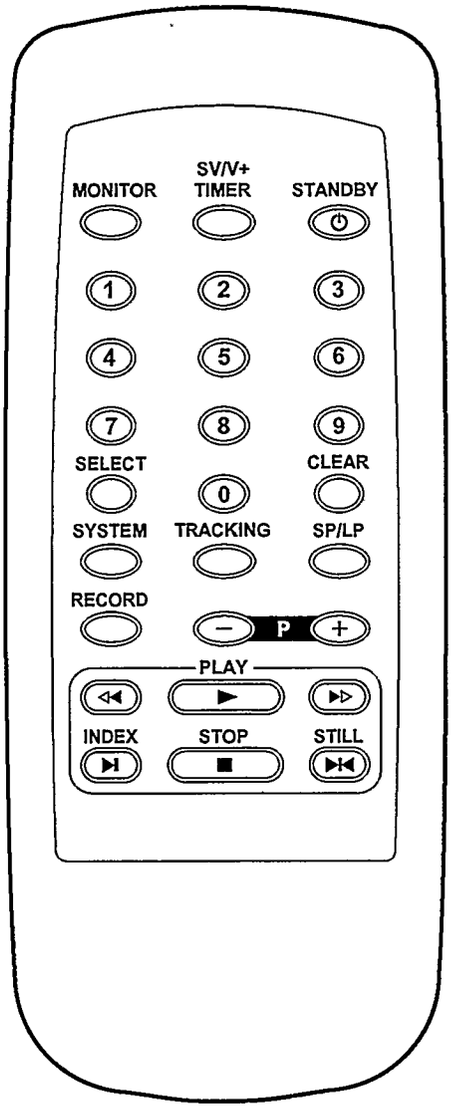
1. SUMMARY OF BUTTONS AND CONTROLS

You will find detailed descriptions of the various functions in the relevant chapters.

The remote control



MONITOR TV monitor function

SV/V+ TIMER 'ShowView' or 'TIMER' programming

STANDBY ⏻ Standby switch

0-9 Digit buttons 0-9

SELECT Function selector

CLEAR Reset, clear

TRACKING Tracking

SP/LP Tape speed selection (SP/LP)

RECORD Record

P− Down/Minus, programme number

P+ Up/Plus, programme number

◁◀ Rewind/Reverse scanning

PLAY ▶ Playback

▶▷ Forward wind/ Forward scanning

INDEX ▶I Index search

STOP ■ Pause/Stop

STILL ▶I◀ Still picture

Buttons that are not described in the list have **no** function.

Front of the set

STANDBY ⏻ Standby switch

AUTOSTORE ATS Channel search

INSTALL Supplementary installation button

STORE Store TV channel

+ Up/Plus, programme number

− Down/Minus, programme number

▲ EJECT Cassette eject

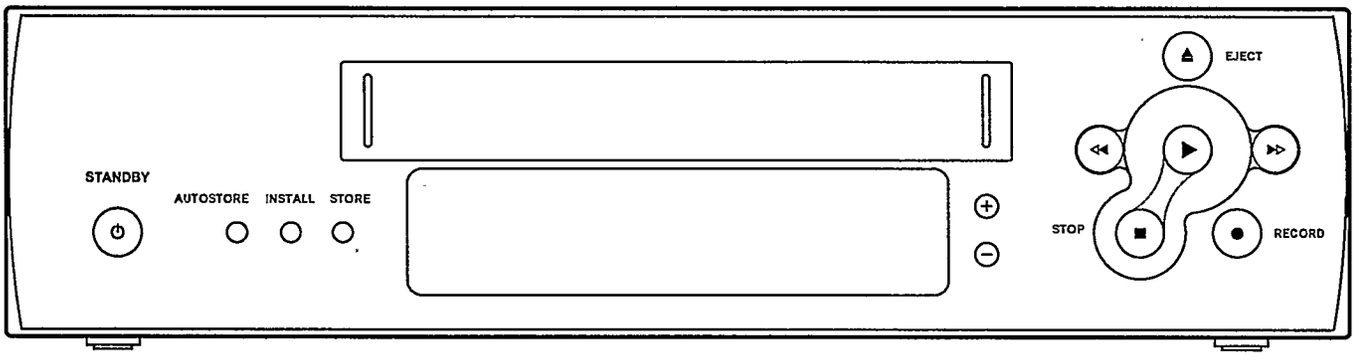
◀◀ Rewind/Reverse scanning

▶ Playback

▶▶ Forward wind/ Forward scanning

STOP ■ Pause/Stop

● RECORD Record



Back of the set

~ Mains socket

AUDIO OUT L Audio output, left channel

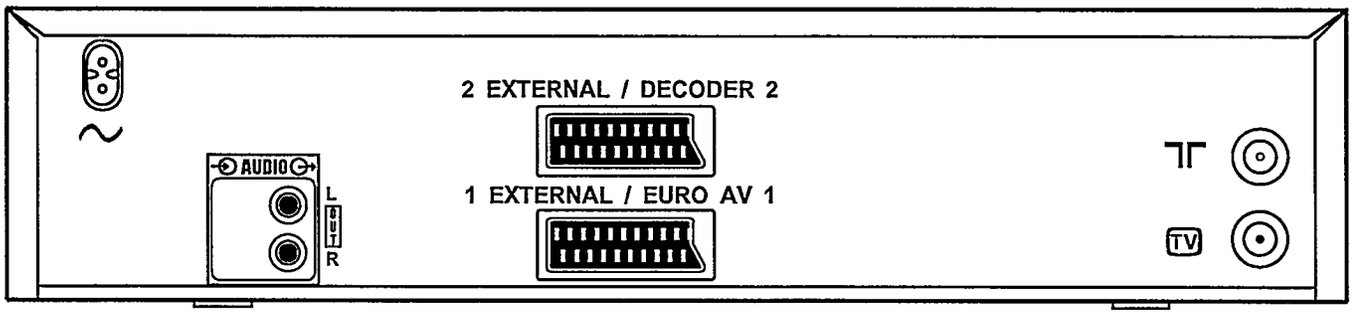
AUDIO OUT R Audio output, right channel

2 EXTERNAL/DECODER 2 Scart (AV-Euro) socket

1 EXTERNAL/EURO AV 1 Scart (AV-Euro) socket

Aerial input socket

TV Aerial output socket



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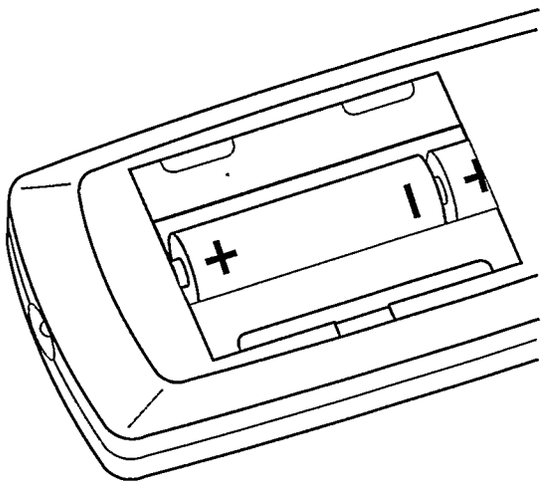
2. INSTALLATION. HOW DO I INSTALL THE VIDEO RECORDER?

How to insert the batteries into the remote control



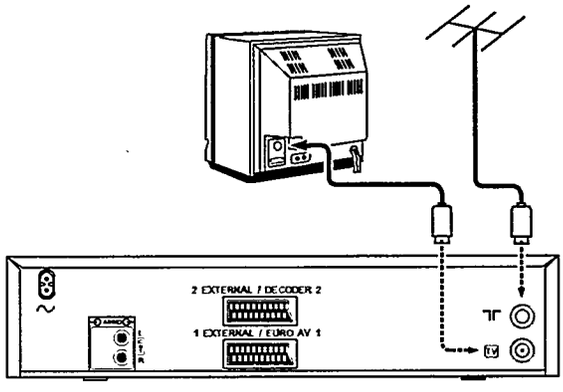
1. Remove the cover from the back of the remote control.
2. Insert the batteries as indicated into the battery compartment and close the cover.

Note:
* For the remote control to function properly, you must always point it directly at the set.

Connecting to the aerial

Your video recorder is actually a 'TV set without a screen'. Therefore, you must connect it to the aerial as well as to the TV set. Only then you can record TV programmes and playback recorded cassettes.

1. Remove the aerial cable plug from your TV set and insert it into the [ANT] socket at the back of the video recorder.

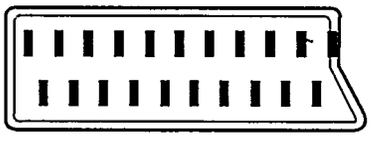


2. Plug one end of the aerial cable provided into the [TV] socket on the video recorder and the other end into the aerial input socket on your TV set.

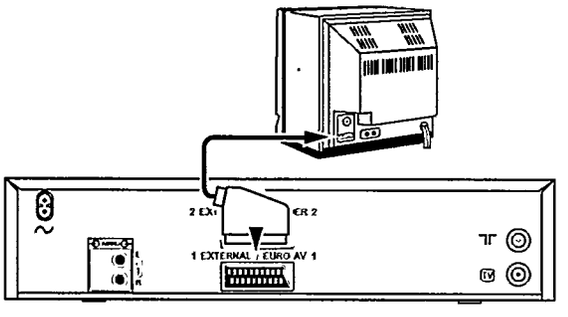
Both the TV set and the video recorder are now connected to the aerial.

Connecting to the TV set

We recommend the use of a scart cable. This will give you the best picture quality.
If your television **does not have a scart (AV-Euro) socket** please **do not read further here,** but turn to Chapter 7, 'Special features'. In the section 'Playback via the aerial cable' you will find further information.



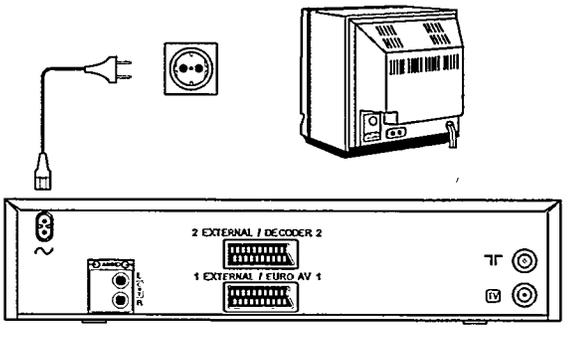
❶ Insert the plug of a scart cable into the scart socket [1 EXTERNAL/EURO AV 1] at the back of your video recorder. Connect the other plug to the TV set.



❷ With this cable connection, many televisions switch **automatically** to the 'EXT' (**EXT**ernal) or 'AV' (**A**udio/**V**ideo) programme number when a video cassette is played back.
With other televisions, for playback, you will have to select the 'EXT', '0', or 'AV' programme number on the TV set manually.
You will find instructions in the operation manual for your TV set.

Connecting to the mains power supply

❶ Insert the female plug of the mains cable into the mains socket [~] at the back of the video recorder.



❷ Plug the other end of the mains cable into the wall socket.

Some general notes for subsequent operation

- Keep your video recorder connected to the mains and the power switch in 'on' position at all times to ensure that programmed recordings can be made and that the television functions.
  The power consumption required for this is very low.
- The video recorder switches on automatically as soon as you insert a cassette or press the [STOP ■] button.
- If the video recorder is not used for a few minutes in some functions, it switches off automatically.

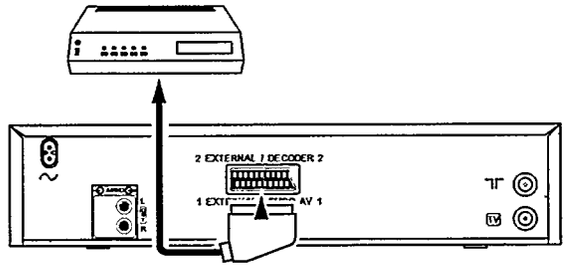
ENGLISH

Saving energy

You can choose between two methods of switching off.
1. To save energy - switch off using the STANDBY ⏻ button on the video recorder. The clock time disappears off the display.
2. Normal method of switching off - switch off using the STANDBY ⏻ button on the remote control. The clock time remains displayed.

Connecting a decoder or other additional equipment

You can also connect additional equipment to the 2 EXTERNAL/DECODER 2 socket, for instance, a CD-Interactive, satellite receiver or camcorder. Some TV broadcasters transmit encoded television programmes which you can only see with a purchased or rented decoder. You can connect such a decoder (descrambler) to this set.



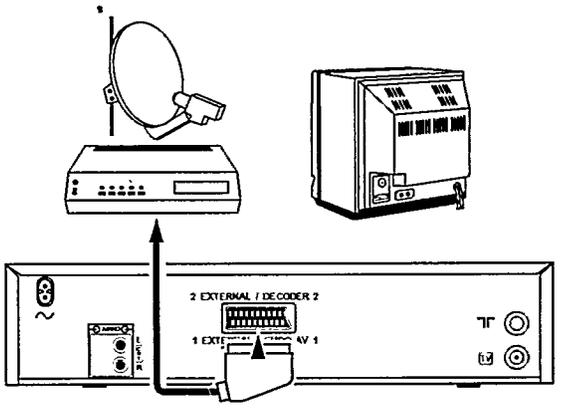
❶ Connect the decoder to the set with a scart cable (2 EXTERNAL/DECODER 2 socket).
You will find a description of how to combine the storage of TV channels with the decoder in the chapter **'Storing TV channels'**.

Note:
* You cannot use the decoder with your video recorder and your TV set simultaneously.
* On your video recorder select the programme number that you allocated to the decoder function when storing the channel numbers. The video recorder will then automatically use the decoder.

Connecting to a satellite receiver

You can also connect a satellite receiver to this set.

❶ Connect the receiver with a scart cable to the video recorder (socket 2 EXTERNAL/DECODER 2).



❷ With the video recorder 'on', please call-in programme number 'E2' .

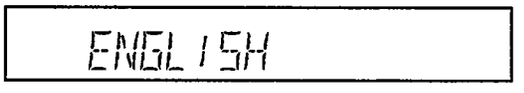
Emergency interrupt

Both the set and the remote control have an 'Emergency interrupt' button. You can use the STANDBY ⏻ button to interrupt any function. Whenever you have operating problems you can simply interrupt the function and start again. You can practise operating your set without any worries. No matter which buttons you press, you cannot damage it.

Setting display language

You can select from several languages for the display on the video recorder.

1. Press the [▲ EJECT] button and then hold the [INSTALL] button several seconds.
2. Use the [−] or [+] button to select the required display language, e.g.: 'ENGLISH' .

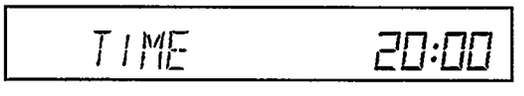


3. Terminate using the [INSTALL] and then the [STANDBY ⏻] button.

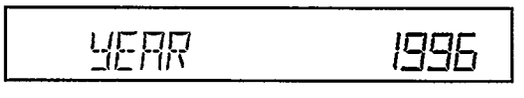
Setting the clock and date on the video recorder

In order to be able to programme recordings, you must first ensure that the video recorder clock is correctly set.
To do this, use the [P+] or [P−] button or the digit buttons [0-9] on the remote control in all the following steps.

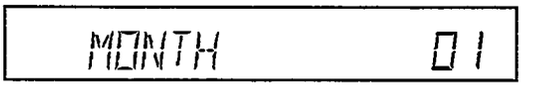
1. Press the [INSTALL] button on the video recorder. 'TIME' will appear in the video recorder display. Set the current time.



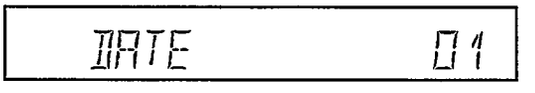
2. Press the [INSTALL] button. 'YEAR' will appear in the display. Set the current year.



3. Press the [INSTALL] button again. 'MONTH' will appear in the display. Set the current month.



4. Press the [INSTALL] button again. 'DATE' will appear in the display. Set today's date.



5. Press the [INSTALL] button again. 'READY' will briefly appear in the display. Time and date have now been set.

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3. STORING TV CHANNELS

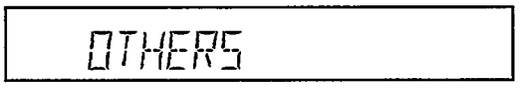
To be able to watch and record TV programmes you must first store all the TV channels (e.g.: 'BBC 1') in the set.
You can store up to 99 TV channels.
Your video recorder has its own receiver.
This means that it can be used independently of the TV set.

ATS - the automatic channel search

The video recorder searches for all TV channels simultaneously. They are sorted and stored in its memory.

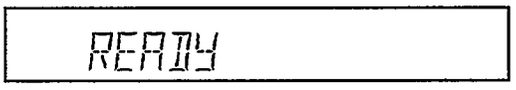
❶ Switch on the TV set.
Many TV sets **switch automatically** to the programme number for the video recorder at step ❷.
However, this will only function if your video recorder is connected to the TV set with a scart cable.
Otherwise, select on your TV set the programme number for the video recorder.

❷ With the video recorder switched off, press the AUTOSTORE button on your video recorder **for a few seconds** until e.g.: 'OTHERS' appears in the display.
Select your country with the + or − button.



❸ Press the AUTOSTORE button. 'ATS ACTIVE' appears in the display. The video recorder searches for all available TV channels.
Wait until all the TV channels have been found. This can take several minutes.

Once **all** the TV channels have been found, 'READY' appears in the display.



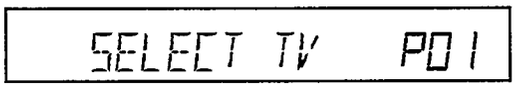
❹ The channel search is now complete and all the TV channels have been stored.

Automatic Channel Allocation 'FOLLOW TV'

The TV channels can only be allocated automatically if the video recorder (socket 1 EXTERNAL/EURO AV 1) and the TV set are **connected via a scart cable.** Then the video recorder maintains the same programme sequence as on the TV set.

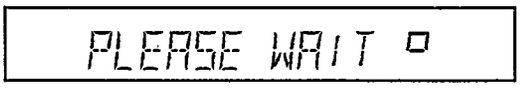
❶ Switch on the TV set and select programme number '1'.

❷ With the video recorder switched off, press the STORE button on your video recorder **for a few seconds** until 'PLEASE WAIT' appears in the display. If the video recorder recognizes that the TV set has been connected via a scart cable, 'SELECT TV P01' appears in the display.



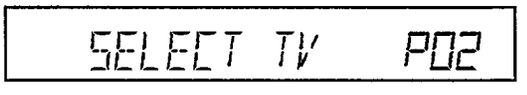
Note
*If 'READY' appears in the display. the TV channels can not be allocated automatically. Then read further in the next section - 'Manual channel number allocation'.

❸ Confirm using the [SELECT] button on the video recorder-remote control. The video recorder compares the TV channels on the TV set and the video recorder.



If the video recorder has the same TV channel (e.g.: 'P 01') as the TV set, then it stores it.

❹ Wait until, e.g., 'SELECT TV P02' appears in the display.



❺ Select, either **on the TV set** or with the remote control for the TV set, the next programme number, e.g.: '2'.

❻ Confirm with the [SELECT] button on the remote control for the video recorder.

❼ Repeat steps ❹ to ❻ until all the TV channels have been allocated.
To finish, press the [STANDBY ⏻] button.

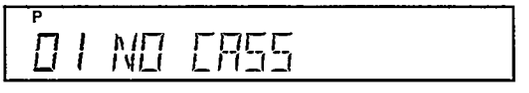
Finally, check again that all the TV channels are in the same sequence on both the video recorder and the TV set.
You can read about how to change the sequence in the next section, 'Allocating channel numbers'.

Manual channel number allocation

You can allocate any desired programme number to the TV channels stored by the 'Automatic Channel Search' . For instance, to aquire the same TV channels to the same programme numbers on both appliances.

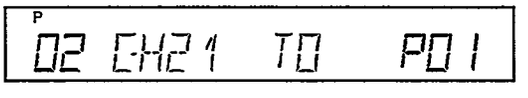
❶ Switch on the TV set.
Select the programme number for the video recorder.

❷ Switch on the video recorder with the [STOP ■] button.



❸ Use the [+] or [−] button, or the digit buttons [0-9] , to select the TV channel for which you wish to alter the programme number.

❹ Press the [STORE] button on the videorecorder.
Select the required new programme number with the [+] or [−] button or the digit buttons [0-9] . Start the allocation with 'P01'.



The current programme number appears in the display to the left and the new programme number appears to the right.

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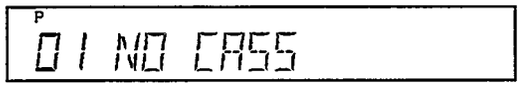
Note:
* If you want to delete an **unwanted** TV channel, press the ▲ EJECT button for a few seconds until 'CLEARED' appears in the display.
* Have you used a scart cable to connect the video recorder to your TV set and does your TV set respond to the switch-over with the MONITOR button on the remote control?
If so, you can switch to and fro between TV reception and video recorder reception. This is the easiest way for you to allocate the same TV channels to the same programme numbers on both appliances.

❺ Press the STORE button. The video recorder assigns the programme number. The other programme numbers shift one number up or down.
Repeat the steps ❸ till ❺ until you have sorted all required TV programmes.



❻ To end press the STANDBY ⏻ button on the video recorder.

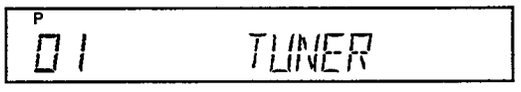
Note:
* Unused (free) programme numbers cannot be selected.
* If this TV channel transmits a 'TV channel name' (e.g. 'BBC 1') you will see it in the display.
* If a TV station broadcasts encoded programmes and your video recorder is connected to a decoder, press the CLEAR button on the remote control at step ❹ until 'DEC' appears in the display.
The video recorder will activate the decoder function from now on when you select this TV channel number (= this programme number).

Manual channel search

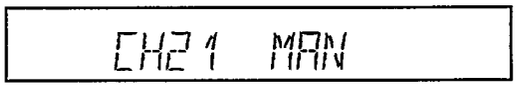
In certain cases the 'Automatic Channel Search' may not be able to find all of the TV channels. You can then use this manual method to set the channels.

❶ Switch on the TV set and select the programme number for the video recorder.

❷ With the video recorder switched off, press the STOP ■ button on the remote control several seconds until 'TUNER' appears in the display.



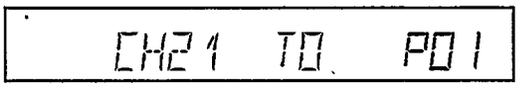
❸ Press the AUTOSTORE button on the video recorder several seconds until 'MAN' appears in the display.



❹ Press the + button as often as necessary until you have found the right TV channel.
If you know the channel number or frequency of a TV programme, you can also enter the channel number (2-digits) or frequency (4-digits) **directly** using the 0-9 digit buttons.

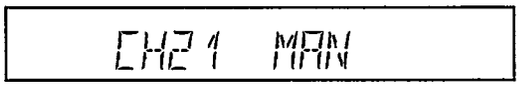
How you switch between the display for 'channel number' or 'frequency' , you can read in section 'Special features on your video recorder'.
To enter a special/hyperband channel, first enter the channel digit '9'. The indication changes from 'CH' to 'CA'. For example, for special channel 'S 30', enter '9 30'.
If a TV station broadcasts encoded programmes and your video recorder is connected to a decoder, press the [CLEAR] button on the remote control several seconds until 'DEC' appears in the display.
The video recorder will activate the decoder function from now on when you select this TV channel number (= this programme number).

❺ Press the [STORE] button.



❻ Use the [+] or [−] button or the digit buttons [0-9] to select the programme number that you wish to allocate to this TV channel.

❼ Press the [STORE] button on the video recorder. The TV channel is now stored.



❽ Repeat steps ❹ to ❼ until you have stored all of the TV channels.

❾ To end press the [STANDBY ⏻] button on the video recorder.

Note:
*With this set the reception of encoded TV programmes isn't possible with certain cable TV installations.

ENGLISH

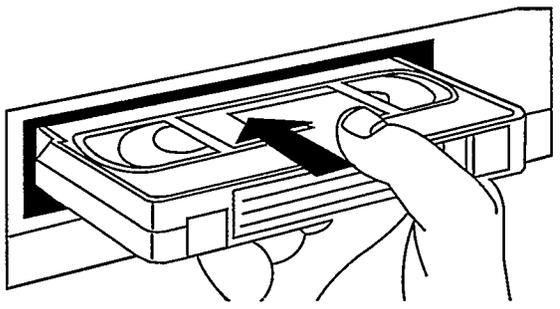
4. PLAYING A RECORDED CASSETTE

In Chapter 2 you connected the video recorder to the TV set. Playing a cassette is now very simple.
If you want to record something straight away, first read Chapter 5.

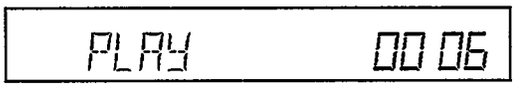
❶ Switch on the TV set.

Many TV sets **automatically switch** to the programme number for the video recorder when a cassette is played back.
However, this only works if the video recorder is connected to the TV set with a scart cable.
Otherwise select the programme number on the TV set which you have earmarked for video playback.

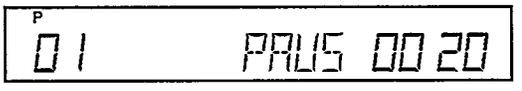
❷ Insert the cassette into the cassette slot with the label facing towards you.
When you insert a cassette the set is switched on automatically.



❸ Press the [▶] button.
'PLAY' will appear in the display.



❹ If you wish to interrupt playback, press the [STOP■] button.
'PAUS' will appear in the display.

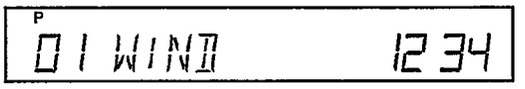


❺ If you wish to remove the cassette, press the [▲ EJECT] button.

Note:
* Some functions switch off automatically after a while (e.g.: Pause, Still Picture, Scanning).
This helps to protect the cassette and prevent unnecessary power consumption.

Fast wind and rewind

❶ Stop the tape. Press the [◀◀] (Rewind) or [▶▶] (Wind) button. The tape is wound at high speed.



❷ Press the [STOP■] button as soon as you have reached the required position on the tape.

'INSTANT VIEW'

If you wish to have quick access to picture scanning during wind or rewind, use the 'INSTANT VIEW' function.

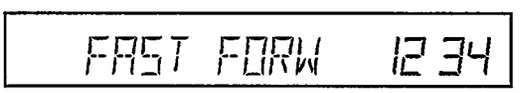
❶ During wind or rewind hold the [◀◀] (Rewind) or [▶▶] (Wind) button. Thus you will switch to picture scanning.

❷ If you release the [◀◀] or [▶▶] button, the video recorder will automatically switch back to rewind or wind again.

Picture scanning

You can select from various speeds for scanning backwards or forwards.

1. Press the [▶] button.
2. Now press the [◀◀] or [▶▶] button once or several times.
   The display will show: 'REVERSE' , 'FAST REV' , 'SCAN REV' or 'FAST FORW' , 'SCAN FORW' .

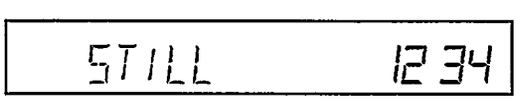


3. Press the [▶] button once you have found the desired position on the tape.

Note:
* The picture quality is affected during scanning. The sound is turned off.

Still picture/Super-slow motion

1. Press the [PLAY▶] button on the remote control.
2. Press the [STILL▶◀] button. The picture will stand still.
   Each time you press [STILL▶◀] again the picture will move on one step at a time.



Hold down the [STILL▶◀] button. The picture will be played in super-slow motion.

3. Press the [PLAY▶] button to continue playing back at the normal speed.

Special note:
* If the still picture vibrates vertically, hold the [TRACKING] button until the vibration is minimal. If you pass the optimum setting, repeat this step with the [TRACKING] button.
You only need to find the optimum setting once as the video recorder will store it automatically. Please note, however, that interference may still occur with poor quality cassettes.

Slow motion

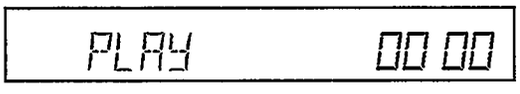
1. Press the [STILL▶◀] button.
   The recording is shown as a still picture.
2. Press the [▶▶] button several times. You have a choice of three slow motion playback speeds, i.e. 1/7th, 1/10th or 1/14th of normal playback speed. When you press the [◀◀] button several times you will return to the still picture.
   There is no sound during slow motion playback.

ENGLISH

Tape position. How do I know where I am on the tape?

The tape position is shown in the display as a continually changing numeric indication during Wind, Rewind, Record, Playback and Pause/Stop.

If you want to set the indicator to '0000', press the CLEAR button on the remote control.



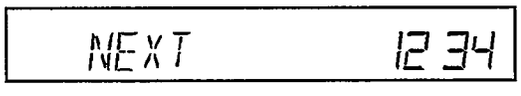
When you rewind a cassette to the start of the tape, the indicator is automatically set to e.g. '0005'.

Searching for a tape position

Sometimes you may have recorded two or more TV programmes on one cassette.
So that you do not have to spend time searching, your set offers you an automatic search facility.

Every time you start to record, this video recorder marks the tape with a code mark. You can search for these code marks on the tape using the INDEX▶| button on your remote control.

❶ Press the INDEX▶| button with the video recorder switched on. Then press the ▶▶ button to select the next code mark or the |◀◀ button for the previous code mark.
Either 'NEXT' or 'PREVIOUS' will appear in your video recorder display.



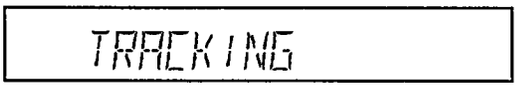
❷ Once the video recorder finds the code mark it will automatically switch to playback.

Note:
* When you press any tape transport button (e.g.: the PLAY▶ or STOP■ button) this search function will be stopped.
* You cannot use this function with recordings made on another video recorder that does not have this function.

How do I eliminate picture interference?

Every time a cassette is loaded the video recorder will **automatically** set the correct tracking position. For recordings made on **another** set you may be able to improve on the automatic setting as follows:

1. Press the PLAY▶ button on your remote control.
2. Press the TRACKING button on your remote control.

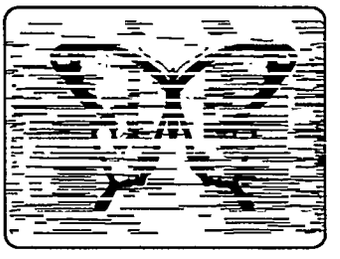


3. Press the P+ or P− button until the playback quality is at its best.
4. Press the PLAY▶ button. This setting will remain until you remove the cassette.

Note:
* Some hired cassettes may have a poor picture/sound quality. This is not a fault in your set.

Cleaning function

When using your video recorder for a long period of time, the videoheads may become dirty. During playback horizontal lines appear on the screen, that will not disappear when using the TRACKING function as described in the previous paragraph.



1. Press the PLAY▶ button.
2. Hold the TRACKING button for a few seconds until the playback screen disappears.

   The video recorder automatically switches back to playback.

Sound track selection

You can select the sound track that you want to hear (during playback, tuner mode, stop or pause) This is of particular interest when the audio transmissions are multilingual.

1. Press the SELECT button. The current setting will appear in the display. By pressing the SELECT button several times you can select from the four possibilities displayed ('STEREO' ,'RIGHT' ,'LEFT' ,'MONO').

Note:
* During playback you can select a fifth possibility: the 'MIXED' mode. In this mode you can play back the mono sound of the normal (linear) audio track together with the sound of the stereo audio track. This can be used for playing back a recording dubbed on another video recorder.
* If there is no stereo sound recorded on the cassette, the video recorder automatically switches over to mono sound.

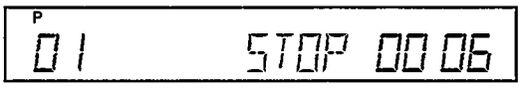
ENGLISH

5. HOW DO I RECORD DIRECTLY?

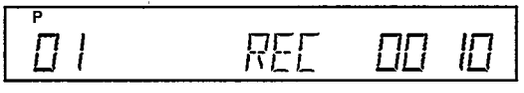
The easiest way to record is to record a TV programme that is currently being transmitted.

1. Insert a cassette or switch the video recorder on with the [STOP■] button.

2. Use the [+] or [−] button to select the programme number from which you wish to record, e.g. 'P01'.



3. When you wish to start recording, press the [● RECORD] button on your set.
'REC' appears in the video recorder display.
The video recorder will record the required TV programme.



4. To stop recording, press the [STOP■] button.

Note:
* If you do not want to record to the end of the cassette, press the [● RECORD] button on your remote control again. The display shows at what time the recording will stop. With each subsequent press of the [● RECORD] button you can add 30 minutes to this time.
If you have pressed too many times, you can return to the normal recording status by pressing the [CLEAR] button (remote control).
As soon as the end time is reached, the set will switch off automatically.

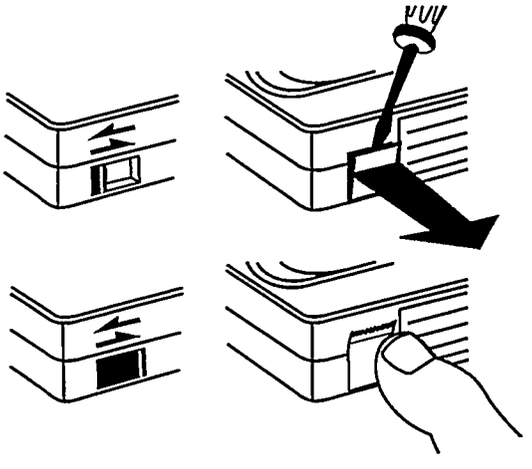
Can I switch off the TV set during recording?
Yes! Your video recorder has its own receiver which enables it to record TV programmes. This means that you can use the TV set independently of the video recorder whilst recording.

Some general notes:
* Programme numbers 'E1' and 'E2' are provided for recording from external sources (via the [1 EXTERNAL/EURO AV 1] or [2 EXTERNAL/DECODER 2] scart socket).
* Whilst a recording is being made you cannot switch to another TV channel on the video recorder.
* If you wish to record at a different speed (SP/LP), press the [SP/LP] button on your remote control. 'LP' appears in the display.
* If you have forgotten to load a cassette, the warning 'NO CASS' will appear.
* If you have accidentally loaded a cassette with erase protection, the warning 'PROTECTED' will appear.
The cassette will be automatically ejected.
* If the end of the cassette is reached during recording, the cassette will be automatically ejected. The set will then switch to standby after a few minutes.

Erase protection

So that you don't accidentally delete an important recording, you can remove the special tab (erase protection) on the narrow side of the cassette with a screwdriver or slide the special tab to the left.

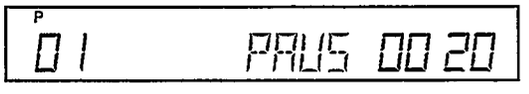
Later, if you no longer want the cassette to be erase protected, you can seal the gap again with adhesive tape or slide the special tab to the right.



Auto-assembling

You can use the auto-assembling function to join individual recordings without any major picture disturbance between the recordings.

1. Press the [▶] button. Search for the correct position on the tape and then stop the playback by pressing the [STOP■] button. 'PAUS' will appear in the display.



2. Now start recording as usual by pressing the [● RECORD] button.

Long play function

You can reduce the recording speed by half.
This makes it possible to record, for example, 8 hours instead of 4 hours on an 'E240' cassette.

1. **Before** recording, select the 'LP' (=**L**ong **P**lay) recording speed by pressing the [SP/LP] button. 'LP' will appear in the display.

2. During playback the video recorder will automatically select the correct playback speed.

Note:
* You will obtain the best picture quality by recording at the standard speed ('SP').

Hi-Fi stereo reception

This video recorder can both record and play back stereo transmissions. The playback of Hi-Fi recordings has HI-Fi quality. The digital control automatically regulates that the sound level is recorded correctly. You do not need to set anything.

6. HOW DO I PROGRAMME A RECORDING?

In this chapter you will learn how to programme your set. It switches itself on automatically, records the TV programme you want and then automatically switches to standby.

What information does the set need?

The set needs the following information for every programmed recording:

* the date on which the recording is to be made
* the programme number for the TV channel
* the start time of the recording
* the stop time of the recording
* 'PDC/VPS' on or off

If you use 'Programming with ShowView', you **only** need to enter the ShowView code. All the information required by the video recorder is contained encoded in this code.

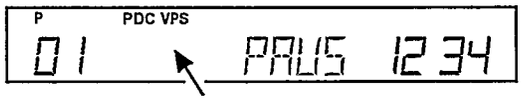
SHOWVIEW

The set stores all the information mentioned above in what is known as a TIMER block. And it does that for up to one month in advance.

Your video recorder can store up to 6 of these TIMER blocks.
Please note that the timing of the TIMER blocks must not overlap. The video recorder must first finish one TIMER block before starting the next block.

What are PDC (Programme Delivery Control) and VPS (Video Programming System)?

With PDC and VPS, the TV station controls when the video recorder is switched on and off. This means that the video recorder switches itself on and off at the **right time** even if a TV programme you have programmed begins earlier or finishes later than expected.
You can see if a TV station is transmitting a PDC or VPS time code by the indication 'PDC' or 'VPS' that appears in the display in the 'STOP' or 'PAUS' mode.



If you want to use 'PDC/VPS', the 'PDC/VPS' indication must be switched **on** (SELECT button) in the following section. If you are not using 'PDC/VPS', the 'PDC/VPS' indication must be **off**.

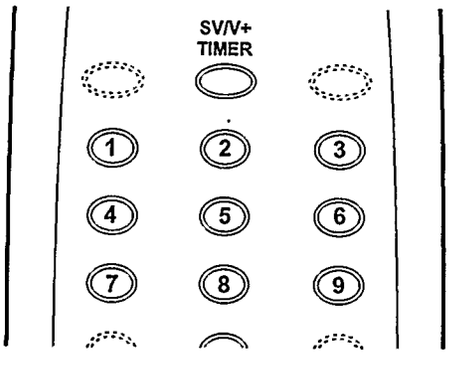
Some notes:
* With 'PDC/VPS' you can only programme two chronologically successive TV programmes as two separate TIMER blocks.
* The first few seconds of a recording may be missing if the switch-on command sent by the TV station is late.
*'PDC/VPS' only functions faultlessly with good TV reception. When reception is poor (e.g. with indoor aerial), some programmed recordings with 'PDC/VPS' may not function correctly. This is not a fault in the set.

Programming with ShowView

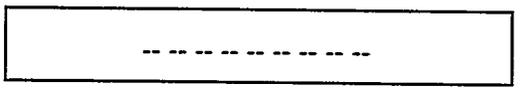
With this method the programming will be as easy as dialing a telephone number. You only have to enter the 'ShowView code' (3 to 9 digits) printed in your TV guide next to the start time of a TV programme. Make sure that a cassette without erase protection has been loaded.

SHOWVIEW

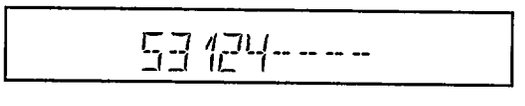
1. Press the [SV/V+ TIMER] button on the remote control.



The video recorder display shows a series of dashes.

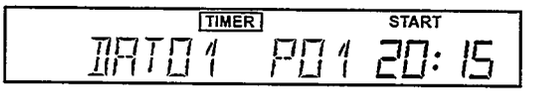


2. Enter the entire 'ShowView code' with the digit buttons [0-9]. This code (3 to 9 digits) is found next to the start time of a TV programme in your TV guide.
If you entered an incorrect code number, clear it with the [CLEAR] button.



3. If you want to programme at daily or weekly intervals, press the [SELECT] button until D (= daily) or W (= weekly) appears in the display. The 'daily' function can only be used for recordings to be made from Mondays to Fridays inclusive.

4. Press the [SV/V+ TIMER] button. The programmed code is now decoded. If the video recorder has decoded correctly, the resultant data appears in the video recorder display.



Note:
* If the programme number flashes, e.g.: 'E2', the video recorder cannot connect the TV channel identification contained in the 'ShowView code' (e.g.: for BBC 1) with the programme number in the video recorder (e.g.: 'P 02').
When this occurs, select the correct programme number with the [P+] or [P−] button and press the [SV/V+ TIMER] button. The video recorder stores this allocation (e.g.: BBC 1 = P 01).
From now on it will use it for all ShowView programming for this channel.
* If you use 'PDC' or 'VPS', 'PDC' or 'VPS must appear in the display. Switch 'PDC' or 'VPS' on or off with the [SELECT] button.

5. Press the [SV/V+ TIMER] button to confirm the data is correct.

Programming is now complete.
The data has been stored in a TIMER block.

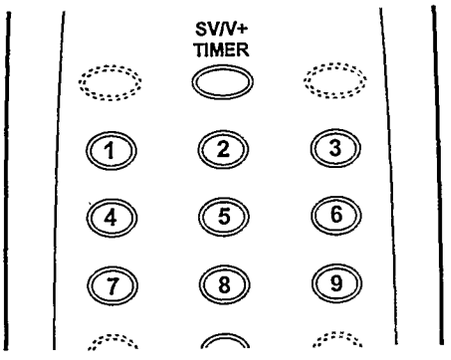
6. Have you loaded a cassette?
Switch off with the [STANDBY ⏻] button on the remote control.

ENGLISH

Note:
* Do you want to use programme number 'E2' in order to record from an external source (e.g. satellite tuner)? Confirm the 'E2' programme number displayed in step ❹ with the SV/V+ TIMER button.
* If 'CODE ERROR' appears in the display, the code was incorrect or incorrectly entered. Repeat the entry or end with the STANDBY ⏻ button.
* If 'SET CLOCK' appears in the display, the internal clock is not set. Set the clock.
* If 'DAILY ERROR' appears in the display, the date was incorrectly entered. 'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
* With 'Daily/Weekly' programming, the first recording must take place within a week.
* Sometimes a TV programme takes more time than indicated in the TV guide. If you wish to set a later end time for a recording, press the TRACKING button in step ❹. The actual end time appears in the display. With each press on the TRACKING button you add 15 minutes to the time. Confirm with the SV/V+ TIMER button.

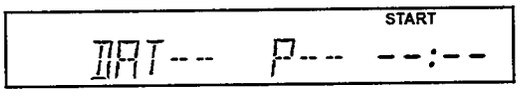
Timer programming

You can enter and store data in the video recorder for **six** recordings.
Make sure that a cassette has been loaded.

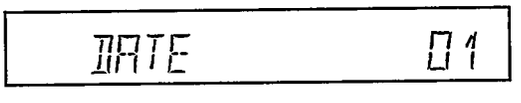


You must now enter, step by step, all the data necessary for the timed recording.
Use the digit buttons 0-9 on the remote control or the P+ or P− button to do this.

❶ Press the SV/V+ TIMER button on the remote control **twice**. A free Timer block appears in the display.



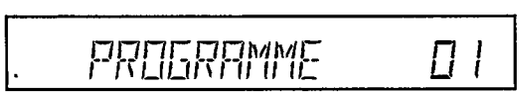
❷ Press the SV/V+ TIMER button. 'DATE' will appear in the video recorder display.
Now enter the date of the recording.



If you want to repeat programming at daily or weekly intervals, press the SELECT button once or twice. The display shows either 'DAILY M-F' (= daily) or 'WEEKLY' (= weekly).
'Daily' programming.can only be used for recordings to be made from Mondays to Fridays inclusive.

Please note:
* It is possible to programme a recording 31 days (one month) in advance.
If, for example, today is the 02nd of March and you programme the date as '01', the recording will be made on the 01st of April.
For a TV programme starting at midnight, i.e. at 00:00, enter the date of the **following** day as the recording date.

❸ Press the SV/V+ TIMER button.
'PROGRAMME' will appear in the video recorder display.
Now enter the programme number of the TV channel from which you wish to record.

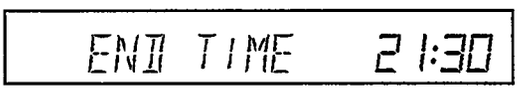


❹ Press the SV/V+ TIMER button.
'START TIME' will appear in the video recorder display.
Now enter the start time of the recording.

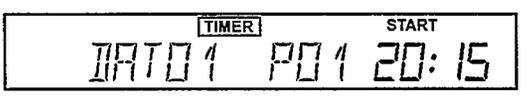
You can switch 'PDC/VPS' on or off with the SELECT button.

Some important notes on 'PDC/VPS' :
* Usually the start time is the **same** as the PDC or the VPS time code. If, however, in the TV guide, in addition to a TV programme's start time, a different PDC or VPS time code is given, e.g.: '20.15 (VPS 20.14)', you have to enter '20.14' as the start time.
Please pay attention to the PDC or VPS information alongside the individual TV programmes in your TV guide. This is because a PDC or VPS-controlled recording only functions if you set the PDC or VPS time code exactly to the minute.
If you want to enter a time that differs from the PDC or VPS time code, you have to switch off 'PDC/VPS' .

❺ Press the SV/V+ TIMER button.
'END TIME' will appear in the video recorder display.
Now enter the end time of the recording.



❻ Press the SV/V+ TIMER button again. You have now concluded the programming. Confirmation of the data that has just been entered ('DAT' = date, 'P' = programme number) appears for a few seconds in the video recorder display.



❼ Have you loaded a cassette?
Switch off with the STANDBY ⏻ button on the remote control.

'TIMER' appears in the display when one or more of the TIMER blocks are occupied.

General programming notes

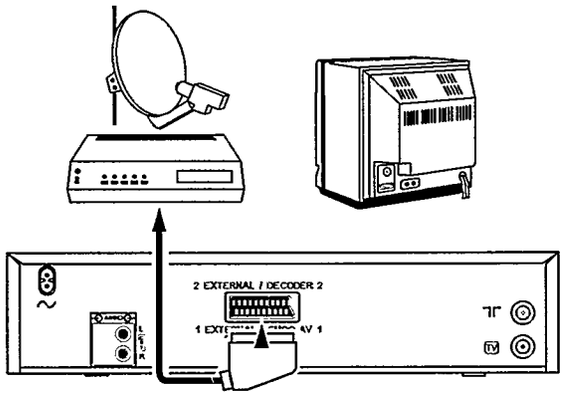
- The programmed recording will always be made at the recording speed (SP/LP) that **has already been** selected on the video recorder.
- TIMER recording will only function when the video recorder is **switched off**. If the video recorder is switched on before a programmed recording is due to take place, before the start, 'TIMER REC' will flash in the display.
- If the end of the cassette is reached during a programmed recording, the video recorder automatically ejects the cassette.
- If you forget to load a cassette before programming, 'NO CASS' will appear in the video recorder display.
- If you insert a cassette with erase protection, after programming the recording, 'PROTECTED' will appear in the video recorder display for a few seconds.
  The cassette will then be ejected.
- If you have programmed all TIMER blocks, 'TIMER FULL' will appear in the video recorder display.

ENGLISH

How do I record from a satellite tuner?

You can also programme recordings from an external satellite tuner.

❶ Connect the tuner to the [2 EXTERNAL/DECODER 2] socket.
Make sure that the sattelite tuner is switched on and that the correct SAT channel has been selected.



❷ Use one of the available programming methods to programme a TIMER block. Use programme number 'E2' in the programming procedure for this external recording source.

Note:
* If you use 'ShowView programming' for such an 'external' satellite TV programme, the video recorder automatically selects 'E2' .

How do I stop a TIMER recording?

You cannot operate the set manually while a programmed recording is being made.
If you want to interrupt the programmed recording, press the [STANDBY⏻] button.

How do I check or correct a TIMER block?

❶ Press the [SV/V+ TIMER] button on the remote control **twice.**

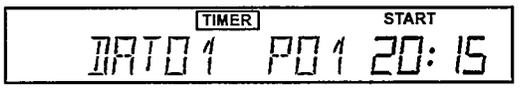
❷ Now press the [P+] or [P−] button as often as necessary until the TIMER block you want to check or correct appears in the video recorder display.
The TIMER blocks will appear in chronological order in the display.

❸ Now press the [SV/V+ TIMER] button repeatedly. One after another, the recording date, programme number, start time and end time will be shown for you to change as required.

You can switch 'PDC/VPS' on and off in the step 'START TIME' with the [SELECT] button.

You can select between 'DAILY M-F' (= daily) or 'WEEKLY' (= weekly) in the step 'DATE' with the [SELECT] button.

❹ Finally, press the [SV/V+ TIMER] button. If you have made any changes, the data in the set will now be up to date.



❺ Switch off with the [STANDBY⏻] button on the remote control.

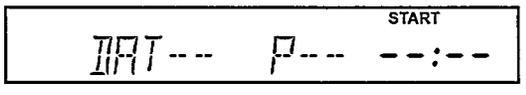
Note:
* 'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
* With 'Daily/Weekly' programming, the first recording must take place within a week.

How do I clear a TIMER block?

❶ Press the SV/V+ TIMER button on the remote control **twice.**

❷ Press the P+ or P− button as often as necessary until the TIMER block you want to clear appears in the video recorder display.

❸ Press the CLEAR button. The TIMER block will be cleared. 'DAT-- P-- --:--' will appear in the video recorder display.



Note:
* If after pressing the SV/V+ TIMER button 'TIMER FULL' appears in the display, continue with the steps ❷ and ❸.

ENGLISH

7. SPECIAL FEATURES ON YOUR VIDEO RECORDER

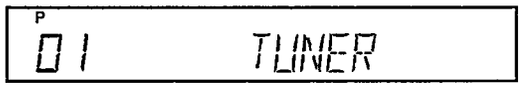
Apart from the functions that have already been described, your set has other special functions and extras designed to make the use of your set as convenient as possible.
In this chapter you will find out more about them.

Tuner mode. Your video recorder as an extension of your TV set

You can also use your video recorder as a TV receiver (tuner). This is handy if your TV set does not have remote control or if it has fewer storage places for TV channels than the number of TV channels it could actually receive.
This is how you go about it:

1. Switch on the TV set. Select the programme number you have earmarked for playback on the video recorder.

2. With the videorecorder switched off, press the STOP■ button on the remote control several seconds until 'TUNER' and a programme number will appear in the display.



3. Choose the required programme number with the P+ or P− button or the digit buttons 0-9.

4. Switch the video recorder off by pressing the STANDBY⏻ button when you no longer want to watch television.

On Screen Display (OSD)

This function displays the selected operating mode on the TV screen.
With the video recorder swiched off, hold the INSTALL button until e.g.: 'ENGLISH' appears in the display.
Press the INSTALL button.
You can use the + button to select from three possibilities.
'OSD AUTO' : OSD appears for a few seconds each time an operating mode is selected and then disappears.
'OSD OFF' : OSD is switched off.
'OSD ON' : OSD remains on continuously.
To end press the STANDBY⏻ button.

View Mode

When you connect another appliance to the 2 EXTERNAL/DECODER 2 socket you will be able to use the following additional functions. The appliance can be a second video recorder, a decoder, a satellite receiver or a CD video player.

- Thus, if the second appliance transmits a control signal, for example, during playback, the (switched on) video recorder will recognize it and automatically switch to 'View Mode'.
  You can switch View Mode on and off with the MONITOR button.
- Even when the video recorder is switched off, the scart cable connection from the TV set to the second appliance is still operational.

Note:
* If you have selected the programme number 'E1' or 'E2' , the video recorder cannot switch over to View Mode. This also applies to programme numbers for which the decoder function has been activated.
* The function will respond **only** if your TV set also has this switch-over function and you are using a scart cable to connect your video recorder to the TV set.

TV monitor function

Switch your TV set to the 'AV' programme number (Audio/Video input) by pressing the [MONITOR] button. This enables you to see the picture from the video recorder on the TV screen. Your video recorder must be switched on.
'VCR MONITOR' will appear in the display for a few seconds.

Press the button again to switch the monitor function off.

Note:
* The monitor function will respond **only** if your TV set also has this switch-over function and you are using a scart cable to connect your video recorder to the TV set.
* The monitor button does not respond during playback.

Externally controlled TIMER recording

Do you have another device, e.g. a satellite receiver, which can control other equipment by a TIMER function? This video recorder can be remote-controlled via socket [1 EXTERNAL/EURO AV 1] or [2 EXTERNAL/DECODER 2].

1. Insert a cassette. Switch off with the [STANDBY ⏻] button on the remote control.
2. Hold the [MONITOR] button until 'REC PREP' appears in the display.
3. The video recorder is now ready to record. The start and end of the recording is remote-controlled via sockets [1 EXTERNAL/EURO AV 1] or [2 EXTERNAL/DECODER 2].
4. If you want to interrupt this function **before** the recording has actually started, hold the [MONITOR] button several seconds until the video recorder switches off.
5. If you want to interrupt this function **while** an externally programmed recording is being made, press the [STANDBY ⏻] button.

Note:
* For an externally controlle recording to function, it must be switched on.
* Press the [▲ EJECT] button and then hold the [INSTALL] button until e.g.: 'ENGLISH' appears in the display.
* Press the [INSTALL] button as often as necessary until 'REC PREP' appears in the display. Select programme number 'E1' or 'E2' using the [+] button.
* To end press the [STANDBY ⏻] button.

'Channel number'or 'Frequency' display

If you wish you can switch between the display for 'channel number' or 'frequency' for channel search.
Press the [▲ EJECT] buttonand then hold the [INSTALL] button until e.g.: 'ENGLISH' appears in the display.
Press the [INSTALL] button as often as necessary until e.g.'CHANNEL' appears in the display.
Select the display mode 'CHANNEL' or 'FREQUENCY' with the [+] button.
To end press the [STANDBY ⏻] button.

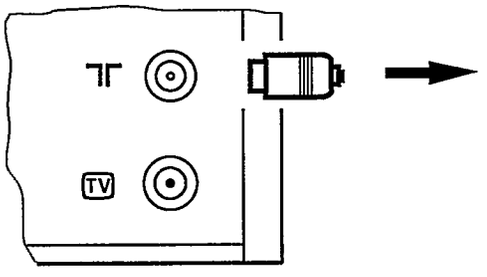
ENGLISH

Playback via the aerial cable

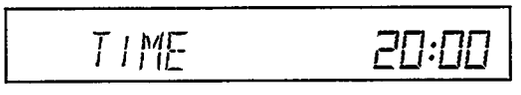
If you do not wish to use a scart cable, the **aerial cable which is already connected** will act as the connection between your TV set and the video recorder.

1. Switch on your TV set and select the programme number that you have earmarked for video playback. (You will find the instructions to do this in the operating manual for your TV set).

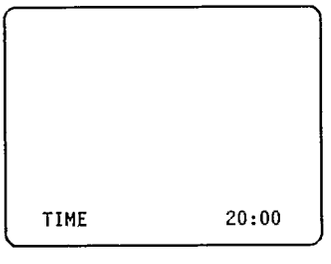
2. Disconnect the aerial cable from the aerial socket [⊓] of the video recorder so that only the cable connection between the TV set and the video recorder remains.



3. Press the [INSTALL] button on the video recorder. 'TIME' will appear in the video recorder display.



4. Tune in the TV set in the UHF wave band until this picture appears.

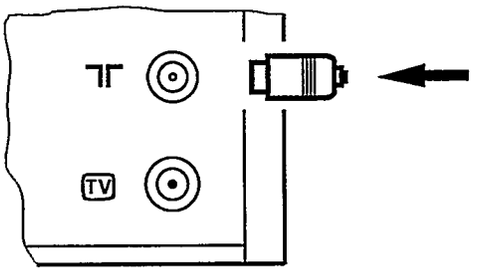


In our factory the video recorder is tuned to UHF channel 36 (591 Mhz).

In order to find out how to tune to the right channel and to store this on your TV set, please consult the operating manual for your TV set.

Note:
* Check the sound and picture quality on your TV set when you play back from the video recorder. If necessary you can improve picture, colour and sound by adjusting the channel on your TV set.

5. Plug the aerial cable back into the aerial socket [⊓]. You have now tuned your TV set to the video recorder.



Information: Your video recorder occupies UHF channel 36. However, this channel might already be occupied by another TV station in your reception area.
In this case you will find that the picture quality on your TV set will be poor when receiving one or more TV channels.

If this happens, follow these steps:

6. Check that the quality of reception on all the TV channels stored in the TV set remains unchanged.
If the picture quality of one or more TV channels has deteriorated, switch off the video recorder. Check all the TV channels on your TV set once again.

7. If the picture quality only deteriorates when the video recorder is switched on, adjust the modulator frequency.
Press the [▲ EJECT] button and then hold the [INSTALL] button until e.g. 'ENGLISH' appears in the display.
Press the [INSTALL] button as often as necessary until e.g. 'MODUL 591' appears in the display.

The frequency can be adjusted with the [+] or the [−] button.
To end press the [INSTALL] and then the [STANDBY⏻] button.

❽ Re-tune the TV set to the video recorder (steps ❷ to ❺) until the test picture re-appears. Check all the TV channels on your TV set again. Repeat the channel adjustment (step ❼) until the picture quality is the same whether the video recorder is on or off.

❾ Switch off the video recorder with the [STANDBY⏻] button.

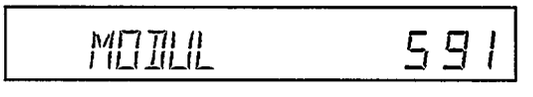
Note:
* If you have interrupted making standard settings as described in Chapter 2, 'INSTALLATION', turn to that chapter to continue making the standard settings.

Switching the built-in modulator on or off

In the last section we talked about interference that could occur on the television. If you **cannot eliminate** picture or sound interference using the above method you can switch off the built-in modulator.
You can only do this if you have connected the video recorder to the TV set using a scart cable.
'Playback via the aerial cable' is **not** possible when the modulator is switched off.

❶ Press the [▲ EJECT] button and then hold the [INSTALL] button until e.g. 'ENGLISH' appears in the display.

❷ Press the [INSTALL] button as many times as necessary until e.g.
'MODUL 591' (= modulator on) appears in the display.



❸ Press the [CLEAR] button several seconds until 'MODUL OFF' appears in the display.
You can switch back again in the same way.

❹ Switch off the video recorder with the [STANDBY⏻] button.

ENGLISH

8. BEFORE YOU CALL AN ENGINEER

Problem	Possible cause
The set does not respond to any button being pressed	* No power supply * A programmed recording is currently being made * Technical disturbance: disconnect from the mains for 30 seconds, then re-connect. If this does not have any effect, you can: 1. Disconnect from mains. 2. Re-connect to mains **whilst holding down** the STANDBY ⏻ button on the set. All stored data will be reset (cleared).
Cassette jammed	* Don't use force. Pull out the mains plug for a moment.
Remote control does not operate	* Batteries are exhausted * Interference from fluorescent lights or bright sunlight
No playback on video recorder	* No recording on the cassette * The VCR programme number on the TV set was incorrectly selected or incorrectly set * The connecting cable between the TV set and the video recorder has come loose
Poor playback from video recorder	* Use TRACKING in combination with the P+ or the P− button with cassettes recorded on another set * Cassette badly worn or of poor quality * TV set not properly adjusted * Video heads dirty. Activate the head cleaning function.
No recording possible	* TV channel not stored or wrongly selected * Cassette with erase protection has been loaded
Programmed recording does not function	* Time data wrongly programmed * TIMER not set properly * A cassette with erase protection has been loaded * Video recorder in Tuner Mode * Video recorder not switched off * 'PDC/VPS' switched on but 'PDC/VPS' time code wrong. Check aerial.
Picture or sound interference on TV reception	* Turn to the Chapter 'Special Functions' and read the **Note** after step ❺ in the section 'Playback via the aerial cable' as well as the section 'Switching off the modulator' * Have your aerial checked

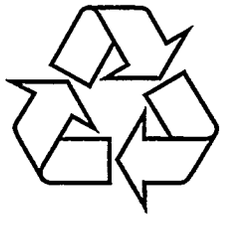
9. NOTES

Precautions/Notes

- The set should not be used immediately after transportation from a cold to a hot area or vice versa, or in conditions of extreme humidity.
  After unpacking the set, it should be allowed to acclimatize for at least three hours before installation.
- Do not use the set in dusty places, near strong magnetic fields or where it may be subject to vibration.
- We recommend disconnecting the appliance from both the mains and the aerial during heavy thunderstorms.
- There should be is a vertical distance of at least 10 cm (4 ins) between the video recorder and the TV set.
- Do not put your fingers or any other foreign objects into the cassette slot as this could damage the mechanism. Particular care should be taken when children are present.
- This video recorder employs the VHS cassette standard.
  Only use cassettes of a well-known brand which display the VHS symbol. We recommend that you use PHILIPS VHS video cassettes to ensure the best possible picture quality from your video recorder.

VHS
PAL SECAM

- These operating instructions have been printed on recycled paper. This is to help protect our environment.
- Used remote control batteries should not be thrown away with ordinary domestic refuse. Deposit old batteries at the relevant collection points.
- Please make use of the facilities available in your country for disposing of the packaging of the set in a way that helps to protect the environment.
- This electronic equipment contains many materials that can be recycled. Please inquire about the possibilities for recycling your old set.



- ShowView is a trademark applied for by Gemstar Development Corp.. ShowView is manufactured under licence from Gemstar Development Corporation.

SHOWVIEW

ENGLISH

Technical Data

- Mains voltage 220 to 240 V
- Mains frequency 48 - 52 Hz
- Typical power consumption 17,5 W (normally 6 W in standby - energy saving mode)
- Wind/rewind time typically 260 sec. for E-180
- Ambient temperature during operation +10 °C to +35 °C
- Relative humidity 20% to 80%
- Position for use max. 15 ° inclination on all sides
- Dimensions 380 x 280 x 94 mm (incl. feet)
- Weight approx. 4.6 kg
- Video resolution VHS ≥240 lines
- Audio FM (SP) 20 Hz - 20 KHz (≤3 dB)
- Back-up power supply: TV channel storage - typically 1 year, Clock/Timer - typically 30 minutes
- This product complies with the requirements of the Directive 73/23/EEC + 89/336/EEC.

List of accessories

- Operating instructions
- Remote control and batteries
- Aerial cable
- Mains cable

In order to facilitate the identification of your set in case of theft, enter the serial number (SER.NR.) in the diagram. The serial number is printed on the type plate fixed at the rear of the set. All enquires can be handled more efficiently if accompanied by the identity card shown. This is provided for your reference and should be kept in a safe place.

TYPE	**VR 665**
WD xx	**SER.NR. . . . . .**

3103 166 17101
6304/001

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VR 665

ENGLISH | DEUTSCH

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